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Patent claims

1. A loading space system for motor vehicles with a cover element (1) which can be fitted parallel to a vehicle longitudinal axis (9) and has two longitudinal sides (3.1, 3.2), two transverse sides (4.1, 4.2) running transversely thereto and at least one first pivot hinge (2.1), and which can be connected at least over part of the longitudinal sides (3.1, 3.2) to a first bearing (8.1) running approximately parallel to a motor vehicle floor (6) in the region of a motor vehicle side wall (5), the first pivot hinge (2.1) being arranged parallel to the transverse side (4.1), and the cover element (1) being divided into a first cover part (1.1) which is in front with respect to the vehicle longitudinal axis (9) and a second cover part (1.2) which is to the rear with respect to the vehicle longitudinal axis (9), which cover parts serve to partition off the loading space, characterized in that at least the second cover part (1.2) can be connected approximately at right angles to the motor vehicle floor (6) to a motor vehicle side wall (5) via a second bearing (8.2) and/or to the motor vehicle floor (6) via a third bearing (8.2, 8.3).

2. The loading space system as claimed in claim 1, characterized in that the first cover part (1.1) can be pivoted relative to the second cover part (1.2), irrespective of the position thereof, through at least 180°, in particular through 270° or through 360°, between a first position A and a second position B.

3. The loading space system as claimed in claim 1 or 2, characterized in that at least one cover part (1.1) has at least one second pivot hinge (2.2) which is arranged parallel to the first pivot hinge (2.1) and

divides the cover part (1.1) into at least a first cover piece (1.1') and a second cover piece (1.1'').

4. The loading space system as claimed in one of the preceding claims, characterized in that the cover pieces (1.1', 1.1'') can be pivoted relative to each other through at least 180°, in particular 360°, via the second pivot hinge (2.2).

5. The loading space system as claimed in one of the preceding claims, characterized in that the first and/or the second cover part (1.1, 1.2) is/are connected releaseably to a fourth bearing (8.4) in the region of a vehicle seat wall (7).

6. The loading space system as claimed in one of the preceding claims, characterized in that the first and/or the second cover part (1.1, 1.2) can be connected to a fifth bearing in the region of a vehicle tailgate.

7. The loading space system as claimed in one of the preceding claims, characterized in that the bearings (8.1, 8.2, 8.3, 8.4) are designed as supported bearings, sliding-fit bearings and/or clamping-fit bearings.

8. The loading space system as claimed in one of the preceding claims, characterized in that the second bearing (8.2) is arranged approximately centrally between the vehicle seat wall (7) and the vehicle tailgate in the direction of the vehicle longitudinal axis (9) and/or, starting from this central position, is arranged in a manner such that it can be offset in the longitudinal direction with respect to the length of the cover piece (1.1').

9. The loading space system as claimed in one of the preceding claims, characterized in that the cover

element (1) in the region of the motor vehicle floor (6) and/or in the region of the vehicle seat wall (7) can be placed such that it is approximately parallel and at least partially rests on them.

10. The loading space system as claimed in one of the preceding claims, characterized in that the cover element (1) can be connected in the region of the longitudinal sides (3.1, 3.2) and the transverse sides (4.1, 4.2) to the particular bearing (8.1, 8.2, 8.3, 8.4).

11. The loading space system as claimed in one of the preceding claims, characterized in that the second foldable cover part (1.2) is connected pivotably to the first foldable cover part (1.1) and can be pivoted with respect to the motor vehicle floor (6) into a vertical position and can be fixed there in the region of the motor vehicle floor (6) and/or in the region of the motor vehicle side wall (5).